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<u>September 26, 2003</u>	<u>Luci M. Arevalo</u>		<u>September 26, 2003</u>
Date Mailed	Name	Signature	Date

Attorney's Docket No: 42P15254C

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir/Madam:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents listed on thereon. It is respectfully requested that the listed documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

X      37 C.F.R. §1.97(b).

\_\_\_\_\_ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A certification pursuant to 37 C.F.R. §1.97(e) or

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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: Sept. 26, 2003

  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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**Complete if Known**

Application Number	New Patent Application
Filing Date	Concurrently herewith
First Named Inventor:	David A.G. Deacon
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Sheet	1	of	4	Attorney Docket Number	42P15254C
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)			
1	us-	5,488,681	01/30/1996	Deacon et al.	
2	us-	2002/0197013 A1	12/26/2002	Liu et al.	
3	us-	4,358,851	11/09/1982	Scifres et al.	
4	us-	4,582,390	04/15/1986	Furuya	
5	us-	4,896,325	01/23/1990	Coldren	
6	us-	5,379,318	01/03/1995	Weber	
7	us-	5,497,393	03/05/1996	Lee	
8	us-	5,652,812	07/29/1997	Gurib et al.	
9	us-	5,732,102	03/24/1998	Bouadma	
10	us-	5,748,660	05/05/1998	Delorme et al.	
11	us-	5,857,039	01/05/1999	Bosc et al.	
12	us-	6,236,774 B1	05/22/2001	Lackritz et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	13	RIGOLE, P.J., et al., "State-of-the-art: Widely tunable lasers," <i>SPIE</i> , Vol. 3001, pp. 382-393	
	14	KUNII, T., et al., "Wavelength Tunable Light Source," <i>OKI Technical Review</i> 152, Vol. 61, May 1995, pp. 89-92	
	15	WOODWARD, S.L., et al., "A DBR Laser Tunable by Resistive Heating," <i>IEEE</i> , Vol. 4, No. 12, Dec. 1992, pp. 1330-1332	
	16	KOKUBUN, Y., et al., "Temperature-Independent Optical Filter At 1.55 μM Wavelength Using A Silica-Based Athermal Waveguide," <i>IMG2</i> 1-3, pp. 93-95	
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	18	SARLET, G. et al., "Wavelength and Mode Stabilization of Widely Tunable SG-DBR and SSG-DBR Lasers," <i>IEEE</i> , Vol. 11, No. 11, November 1999, pp. 1351-1353	
	19	MASON, B., et al., "Design of Sampled Grating DBR Lasers with Integrated Semiconductor Optical Amplifiers," <i>IEEE</i> , Vol. 12, No. 7, July 2000, pp. 762-764	
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	21	ISHII, H. et al., "Narrow Spectral Linewidth Under Wavelength Tuning in Thermally Tunable Super-Structure-Grating (SSG) DBR Lasers," <i>IEEE</i> , Vol. 1, No. 2, June 1995, pp. 401-407	
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	24	JAYARAMAN, V., et al., "Widely Tunable Continuous-Wave InGaAsP/InP Sampled Grating Lasers," <i>Elec. Ltrs.</i> , Vol. 30, No. 18, 09/01/94, pp. 1492-1494	
	25	JAYARAMAN, V., et al., "Extended Tuning Range in Samples Grating DBR Lasers," <i>IEEE</i> , Vol. 5, No. 5, May 1993, pp. 489-491	
	26	LEE, S.L., et al., "Direct Modulation Of Widely Tunable Sampled Grating DBR Lasers," <i>SPIE</i> , Vol. 2690, pp. 223-230	
	27	JAYARAMAN, V., et al., "Demonstration of Broadband Tunability in a Semiconductor Laser Using Sampled Gratings," <i>Appl. Phys. Lett.</i> , Vol. 60, No. 19, May 11, 1992, pp. 2321-2323	
	28	JAYARAMAN, V., et al., "Wide Tunability and Large Mode-Suppression in a Multi-Section Semiconductor Laser Using Sampled Gratings," <i>Integrated Photonics Research</i> , New Orleans, LA, paper no. WF1, pp. 306-307, April 13-16, 1992, pp. 106-107	
	29	JAYARAMAN, V., et al., "Continuous-Wave Operation of Sampled Grating Tunable Lasers with 10 mwatt Output Power, >60nm tuning, and Monotonic Tuning Characteristics," <i>Indium Phosphide Conference</i> , Santa Barbara, CA, paper no. MC2, pp. 33-36, March 1994, pp. 82-85	
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	31	BOUADMA, N., et al., "Integration of a Laser Diode with a Polymer-Based Waveguide for Photonic Integrated Circuits," <i>IEEE</i> , Vol. 6, No. 10, October 1994, pp. 1188-1190	
	32	DIEMEER, M.B.J., et al., "Polymeric Optical Waveguide Switch Using the Thermooptic Effect," <i>IEEE</i> , Vol. 7, No. 3, March 1989, pp.449-453	
	33	KACZMARSKI, P., et al., "Design of an Integrated Electro-Optic Switch in Organic Polymers," <i>IEE Proceedings</i> , Vol. 136, Pt.J., No. 3, June 1989, pp. 152-158	
	34	TADA, K., et al., "Temperature Compensated Coupled Cavity Diode Lasers," <i>Optical &amp; Quantum Elect.</i> , 16, 1984, pp. 463-469	

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Sheet	4	of	4	Attorney Docket Number	42P15254C
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	35	FURUYA, K., et al., "A Novel Deposit/Spin Waveguide Interconnection (DSWI) for Semiconductor Integrated Optics," <i>IEEE</i> , Vol. QE-18, No. 10, October 1982, pp. 1783-1789	
	36	BARRETT, C., et al., "Photoinscription of Channel Waveguides and Grating Couplers in Azobenzene Polymer Thin Films," <i>SPIE</i> , Vol. 3006, pp. 441-449	
	37	OH, M.C., et al., "Polymeric Wavelength Filters with Polymer Gratings," <i>Appl. Phys. Lett.</i> , Vol. 72, No. 13, March 30, 1998, pp. 1559-1561	
	38	MANOLATOU, C., et al., "High Density Integrated Optics," <i>J. of Lightwave Tech.</i> , Vol. 17, No. 9, Sept. 1999, pp. 1682-1692	
	39	ELDADA, L., et al., "Integrated Multichannel OADM's Using Polymer Bragg Grating MZI's," <i>IEEE</i> , Vol. 10, No. 10, October 1998, pp. 1416-1418	
	40	ELDADA, L., et al., "Thermally Tunable Polymer Bragg Grating OADM's," <i>OFC '99 100C</i> , Technical Digest Conf. Edition, Feb. 25, 1999, pp. 98-100	
	41	ELDADA, L., et al., "Thermo-Optically Active Polymeric Photonic Components," <i>OFC '2000</i> , Technical Digest Series, March 8, 2000, pp. 124-126	

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